

WPP PP WPP 204

Polypropylene Copolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP WPP 204 is a Polypropylene Copolymer (PP Copolymer) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Food Contact Applications.
Characteristics include:
Food Contact Acceptable
Good Processability
Good Stiffness
High Purity
Impact Resistant

General Information			
Features	Clean/High Purity		
	Food Contact Acceptable		
	Good Color Stability		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
Agency Ratings	FDA Unspecified Rating		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 1% Secant ¹	1070	MPa	ASTM D638
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus - 1% Secant ²	1020	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	80	J/m	ASTM D256
Gardner Impact (-30°C)	16.0	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525
NOTE			
1.	5.0 mm/min		
2.	1.3 mm/min		

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